

FORM PTO-1449/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICATION NO.: 10/700,381	ATTY. DOCKET NO.: D0540-700410
		FILING DATE: November 4, 2003	CONFIRMATION NO.: Not Yet Assigned
		APPLICANT: David J. Hunniford, et al.	
		GROUP ART UNIT: Not Yet Assigned 1724	EXAMINER: Not Yet Assigned
Sheet	1 of 1		

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
CTB		RE36,651*		Hunniford, et al.	04-11-2000
		RE37,181*	E	Hunniford, et al.	05-22-2001
		3,300,404*		Howe, et al.	01-24-1967
		4,446,031*		List	05-01-1984
		4,501,668*		Merk, et al.	02-26-1985
		4,612,124*		Escrig	09-16-1986
		4,680,127*		Edmondson	07-14-1987
		4,681,687*		Mouché, et al.	07-21-1987
		4,911,843*		Hunniford, et al.	03-27-1990
		5,385,842*		Weimer, et al.	01-31-1995
		5,500,368*		Tatnall	03-19-1996
		5,833,864*		Miller, et al.	11-10-1998
		5,948,269*		Stone	09-07-1999
CTB		6,309,597*	B1	Ballinger, Jr., et al.	10-30-2001

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			

OTHER ART – NON PATENT LITERATURE DOCUMENTS

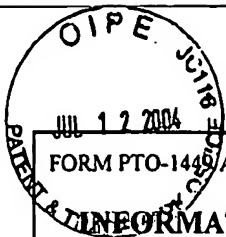
Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
CTB		*Odor and Corrosion Control in Sanitary Sewerage Systems and Treatment Plants*, Copyright 1989, ISBN 0-8155-1192-2, pp. 59 and 60.	

EXAMINER CHESTER T. BARRY PRIMARY EXAMINER 	DATE CONSIDERED 10/30/05
---	-----------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications), or a copy of this reference need not be provided as the reference is a published U.S. Patent or U.S. Patent application and the present application was filed after June 30, 2003.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]



FORM PTO-1449A and B (Modified)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICATION NO.: 10/700,381

ATTY. DOCKET NO.: D0540-700410

FILING DATE: November 4, 2003

CONFIRMATION NO.: 5795

APPLICANT:

CHESTERT T. BARRY

PRIMARY EXAMINER

GROUP ART UNIT: 1724

EXAMINER: Not Yet Assigned

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
CTB		221,232*		Hirsh	11-04-1879
		1,701,825*		Seil	02-12-1929
		1,997,252*		Fischer	04-09-1935
		3,219,576*		Makabe	11-23-1965
		3,401,113*		Pruessner, et al.	09-10-1968
		3,502,566*		Raymond, et al.	03-24-1970
		3,607,736*		Miyaji	09-21-1971
		3,639,263*		Troschinski, et al.	02-01-1972
		3,867,284*		Kappe, et al.	02-18-1975
		3,930,998*		Knopp, et al.	01-06-1976
		3,959,127*		Bartha, et al.	05-25-1976
		3,959,130*		Kloster, et al.	05-25-1976
		3,966,450*		O'Neil, et al.	06-29-1976
		4,098,690*		Semmens	07-04-1978
		4,108,771*		Weiss	08-22-1978
		4,115,258*		Smith, et al.	09-19-1978
		4,148,726*		Smith	04-10-1979
		4,153,547*		McLean	05-08-1979
		4,297,216*		Ishida, et al.	10-27-1981
		4,505,819*		Barnes, et al.	03-19-1985
		4,725,405*		Cassin, et al.	02-16-1988
CTB		4,760,027*		Sublette	07-16-1998

EXAMINER

CHESTERT T. BARRY
PRIMARY EXAMINER

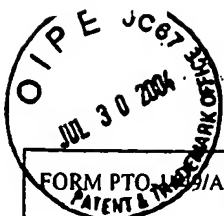
DATE CONSIDERED

10/30/05

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications), or a copy of this reference need not be provided as the reference is a published U.S. Patent or U.S. Patent application and the present application was filed after June 30, 2003.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]



FORM PTO 157/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICATION NO.: 10/700,381	ATTY. DOCKET NO.: D0540-700410
		FILING DATE: November 4, 2003	CONFIRMATION NO.: 5795
		APPLICANT: David J. Hunniford, et al.	
		GROUP ART UNIT: 1724	EXAMINER: Not Yet Assigned CHESTERT. BARRY PRIMARY EXAMINER
Sheet			

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
CTB	1	"Process Design Manual for Sulfide Control In Sanitary Sewerage Systems", U.S. Environmental Protection Agency, Oct. 1974, pp. 5-34 and 5-35.	
	2	BRYAN, A.C., "Experiences With Odor Control at Houston Texas", Sew. & Ind. Wastes, 28, 1512-1514 (1956).	
	3	CARPENTER, W.T. "Sodium Nitrate Used to Control Nuisance", Water Works and Sew., 79, 175 (1932).	
	4	ELIASSEN, R., et al., "The Effect of Chlorinated Hydrocarbons on Hydrogen Sulfide Production", Sew. Works Jour., 21, 457 (1949)...	
	5	FALES, A.L., "Treatment of Industrial Wastes from Paper Mills and Tannery on Neponset River", Jour. Ind. Eng. Chem., 21, 216 (1929).	
	6	HEUKELEKIAN, H., "Effect of the Addition of Sodium Nitride to Sewage on Hydrogen Sulfide Production and B.O.D. Reduction", Sewage Works Journal 15(2):255-261 (1943).	
	7	HEUKELEKIAN, H., "Some Bacteriological Aspects of Hydrogen Sulfide Production from Sewage", Sew. Works Jour. 20, 490 (1948).	
	8	LAWRANCE, W.A., "The Addition of Sodium Nitrate to the Androscoggin River", Sew. and Ind. Wastes, 22, 820 (1950).	
	9	LORGAN, G.P., et al., "Nitrate Addition for the Control of Odor Emissions from Organically Overloaded, Super Rate Trickling Filters", 33rd Ann. Purdue Ind. Waste Conf., West Lafayette, Ind., (1978).	
	10	MCKINNEY, R.E., "The Role of Chemically Combined Oxygen in Biological Systems", Jour. San. Eng. Div., proc. Amer. Soc. Civil Engr., 82 SA4, 1053 (1956).	
	11	PODUSKA, R.A., "Operation, control, and Dynamic Modeling of the Tennessee Eastman Company Industrial Wastewater Treatment System", 34th Ann. Purdue Indust. Waste Conf., Lafayette, Md. (1970).	
	12	POMERY, R.D., "Controlling Sewage Plant Odors", Consulting Eng., Feb. 101 (1963).	
	13	POMEROY, R.D., et al., "Sulfide Occurrence and Control in Sewage Collection Systems", U.S. Environmental protection Agency, EPA 600/X-85-052, Cincinnati, Ohio (1985).	
	14	PRAKASAM, T.B.S., et al., "Microbial Denitrification of a Wastewater Containing high Concentrations of Oxidized Nitrogen", Proceedings of the 31st Industrial Wste Conference, May 4-6, 1976, Purdue University.	
	15	PRICE, E.C., et al., "Sewage Treatment Plants Combat Odor Pollution Problems", Water and Sew. Works, 64-69 (1978).	
	16	REID, G.W., et al., "Sewer Odor Studies", Sew. and Ind. Wstes, 28, 991 (1956).	
	17	RYAN, W.A., "Experiences with Sodium Nitrate Treatment of Cannery Wastes", Sew. Works Jour., 17, 1227 (1956).	
	18	SANTRY, I.W., Jr., "Hydrogen Sulfide Odor Control Measures", Jour. Water Poll. Control Fed., 38 459 (1966).	
	19	SANTRY, I.W., Jr., "Hydrogen Sulfide In Sewers", Jour. Water Poll. Control Fed., 35, 1580 (1963).	
	20	"Standard Methods for the Examination of Water and Wastewater", 14th Ed., Amer. Pub. Health Assn., Wash. D.C., 499-509 (1976).	
	21	PETER R. WILLENBRING et al., "Calcium Nitrate" (incomplete title), Oct. 1988 or earlier.	
	22	"Biochemical Oxidation of Polluted Lake Sediment with Nitrate—A new Lake Restoration Method", 1976.	
	23	R.R. DAGUE, "Fundamentals of Odor Control", Journal Water Pollution Control Federation, 44(4): 583-594; Apr. 1972.	

CHESTERT. BARRY
PRIMARY EXAMINER

10/30/05



FORM PTO-1439/A and B (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICATION NO.: 10/700,381	ATTY. DOCKET NO.: D0540-700410
		FILING DATE: November 4, 2003	CONFIRMATION NO.: 5795
		APPLICANT: Hunniford, et al.	
		GROUP ART UNIT: 1724	EXAMINER: NOT YET ASSIGNED
Sheet	1	of	1

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
CTB		RE37,181*	E	Hunniford, et al.	05/22/2001
CTB		3,607,736*		Miyaji	09/21/1971
CTB		6,309,597*	B1	Ballinger, Jr., et al.	10/30/2001

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
CTB		Patent Abstracts of Japan, Publication Number: 10328676, Publication date: December 15, 1998, Application Date: May 30, 1997, Application Number 09141422, Applicant: Itochu Corp., Inventor: Masuko Mitsuhiro, Title: METHOD AND APPARATUS FOR CONTROLLING INJECTION OF HYDROGEN SULFIDE REMOVING AGENT.		
CTB		Patent Abstracts of Japan, Publication Number: 11156374, Publication Date: June 15, 1999, Application Date: November 27, 1997, Application Number: 09326091, Applicant: Kurita Water Ind Ltd., Inventor: Masuko Mitsuhiro, Title: METHOD AND APPARATUS FOR CONTROLLING INJECTION OF HYDROGEN SULFIDE REMOVING AGENT.		

EXAMINER CHESTER T. BARRY PRIMARY EXAMINER	DATE CONSIDERED 10/30/05
---	-----------------------------

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. __, filed __, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications), or a copy of this reference need not be provided as the reference is a published U.S. Patent or U.S. Patent application and the present application was filed after June 30, 2003.

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]